

REMARKS

Entry of the above amendment prior to examination is respectfully requested.

Attached hereto is a marked-up version of the changes made to the specification and claims. The attached pages are captioned "**Version with Markings to Show Changes Made.**"

I. **Amendments**

The specification has been amended in accordance with 37 C.F.R. §1.821 through 1.825 to add the Sequence Listing.

The specification and claims have been amended in accordance with C.F.R. §1.821(d) to add SEQ ID NO:s.

No new matter is introduced by way of these amendments.

If in the opinion of the Examiner a telephone conference would expedite the prosecution of the subject application, the Examiner is encouraged to call the undersigned at (650) 846-7500.

Respectfully submitted,


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Date: 3/11/02

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Version with Markings to Show Changes Made

Using these primers, libraries were generated from the target oxidase gene. The following examples show the specific sequences used in four separate reactions to generate the single and multiple mutants (only the forward primer sequence was given):

EXPERIMENT #1: Single amino acid saturation primer:

5'-3' TAC CAT GAC CAT GCC NNS TCC ATC ACC GCC GAG (SEQ ID NO:1)

EXPERIMENT #2: Contiguous double amino acid saturation primer:

5'-3' CAT GAC CAT GCC ATG NNS NNS ACC GCC GAG AAC GCC (SEQ ID NO:2)

EXPERIMENT #3: Contiguous triple amino acid saturation primer:

5'-3' CAG GCT GCC CGC ATG NNS NNS NNS CAT GAC CAT GCC ATG (SEQ ID NO:3)

EXPERIMENT #4: Discontiguous quadruple amino acid saturation primer.

5'-3' GGA GAG AAC ACC TCT NNS NNS AGC NNS NNS TTG CAC GGC TCT TTC (SEQ ID NO:4)

The following primers were used which correspond to various mutations within the *Stachybotrys sp.* Oxidase B gene which was used as the template nucleic acid. The mutation corresponds to the underlined region of the primer.

(A) L48Y

5'-3' CAG CTG AGT CCT CCC TAT GCC TTG TAC GAA GTG (SEQ ID NO:5)

(B) M188F

5'-3' GCC GAG AAC GCC TAC TTC GGT CAG GCT GGT GTC (SEQ ID NO:6)

(C) F254M

5'-3' GGT CAG CCT TGG CCT ATG CTC AAC GTG CAG CCG (SEQ ID NO:7)

(D) E348Q

5'-3' CTC GGT GTT GAG CCT CAG TTT GAT AAC ACT GAC (SEQ ID NO:8)

(E) R423A

5'-3' GAG AAC CGT CTG CTC GCC AAT GTG CCC CGC GAC (SEQ ID NO:9)

(F) V483T

5'-3' CTG GCT CGT CGT GAG ACT GTC TAT GTT GAG GCC (SEQ ID NO:10)

(G) N550A

5'-3' CTC GGA GAG TTC GAG GCT GGC TCG GGT GAC TTC (SEQ ID NO:11)